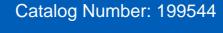
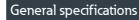
Eaton 199544



Eaton Main switch, 40 A, surface mounting, 3 pole, Emergency switching off function, With red rotary handle and yellow locking ring, Lockable in the 0 (Off) position





Eaton J-Range enclosed switch-

disconnector

Product Height

180 mm

Product Weight

0.447 kg

Catalog Number

199544

Product Length/Depth

115 mm

Product Width

100 mm

Certifications

VDE 0660 IEC/EN 60947

IEC/EN 60947-3 IEC/EN 60204

Catalog Notes

Rated Short-time Withstand Current

(Icw) for a time of 1 second

Model Code

J40/R



F:T·N J-Range

Jellemzők és funkciók

Features

Version as emergency stop installation

Version as main switch

Version as safety switch

Version as maintenance-/service switch

Fitted with:

Red rotary handle and yellow locking ring

Assembly sheet screen

Push-through cable entry diaphragm

Functions

Interlockable

Emergency switching off function

Locking facility

Lockable in the 0 (Off) position

Number of poles

Three-pole

Általános

Degree of protection

NEMA 12

Degree of protection (front side)

IP65

Lifespan, mechanical

300,000 Operations

Mounting method

Surface mounting

Mounting position

As required

Operating frequency

1200 Operations/h

Overvoltage category

Ш

Pollution degree

3

Product Category

Main switch

Rated impulse withstand voltage (Uimp)

6000 V AC

Safe isolation

440 V AC, Between the contacts, According to EN 61140

Safety parameter (EN ISO 13849-1)

B10d values as per EN ISO 13849-1, table C.1

Shock resistance

15 g, Mechanical, According to IEC/EN 60068-2-27, Half-sinusoidal shock 20 ms

Suitable for

Ground mounting

Környezeti feltételek

Ambient operating temperature (enclosed) - min

-25 °C

Ambient operating temperature (enclosed) - max

40 °C

Beköthető keresztmetszetek

Terminal capacity

2 x (1 - 4) mm², flexible with ferrules to DIN 46228

1 x (1.5 - 10) mm², solid or stranded

1 x (1 - 4) mm², flexible with ferrules to DIN 46228

Climatic proofing

Damp heat, constant, to IEC 60068-2-78 Damp heat, cyclic, to IEC 60068-2-30 2 x (1.5 - 6) mm², solid or stranded

Screw size

M4, Terminal screw

Tightening torque

1.6 Nm, Screw terminals

Elektromos jellemző

Rated breaking capacity at 220/230 V (cos phi to IEC 60947-3) 260 A

Rated breaking capacity at 400/415 V (cos phi to IEC 60947-3) 300 A

Rated breaking capacity at 500 V (cos phi to IEC 60947-3)

290 A

Rated breaking capacity at 660/690 V (cos phi to IEC 60947-3)

250 A

Rated operational current (le) at AC-21, 440 V

40 A

Rated operational current (le) at DC-1, load-break switches l/r = 1 ms

40 A

Rated operational power at AC-3, 380/400 V, 50 Hz

0 kW

Rated operational power at AC-23A, 400 V, 50 Hz

16 kW

Rated operational voltage (Ue) at AC - max

690 V

Rated uninterrupted current (Iu)

40 A

Uninterrupted current

Rated uninterrupted current lu is specified for max. crosssection.

Rövidzárlatállóság

Rated conditional short-circuit current (Iq)

80 kA

Rated short-time withstand current (Icw)

0.64 kA

640 A, Contacts, 1 second

Short-circuit protection rating

50 A gG/gL, Fuse, Contacts

Kapcsolási képesség

Rated making capacity up to 690 V (cos phi to IEC/EN 60947-3) 320 A

-

Voltage per contact pair in series

60 V

Érintkezők

Number of auxiliary contacts (change-over contacts)

0

Number of auxiliary contacts (normally closed contacts)

0

Number of auxiliary contacts (normally open contacts)

0

Működtetőegység

Actuator color

Red

Actuator type

Door coupling rotary drive

Konstrukció igazolás

10.2.2 Corrosion resistance

Meets the product standard's requirements.

10.2.3.1 Verification of thermal stability of enclosures

Meets the product standard's requirements.

10.2.3.2 Verification of resistance of insulating materials to normal heat

Meets the product standard's requirements.

10.2.3.3 Resist. of insul. mat. to abnormal heat/fire by internal elect. effects

Meets the product standard's requirements.

10.2.5 Lifting

Does not apply, since the entire switchgear needs to be evaluated.

10.2.6 Mechanical impact

Does not apply, since the entire switchgear needs to be evaluated.

10.2.7 Inscriptions

Meets the product standard's requirements.

10.3 Degree of protection of assemblies

Does not apply, since the entire switchgear needs to be evaluated.

10.4 Clearances and creepage distances

Meets the product standard's requirements.

10.5 Protection against electric shock

Does not apply, since the entire switchgear needs to be evaluated.

10.6 Incorporation of switching devices and components

Does not apply, since the entire switchgear needs to be evaluated.

10.7 Internal electrical circuits and connections

Is the panel builder's responsibility.

10.8 Connections for external conductors

Is the panel builder's responsibility.

10.9.2 Power-frequency electric strength

Is the panel builder's responsibility.

10.9.3 Impulse withstand voltage

Is the panel builder's responsibility.

Források

3D modellek

J-RANGE_RD.STEP

Telepítési útmutató

IL008060ZU

10.9.4 Testing of enclosures made of insulating material

Is the panel builder's responsibility.

10.10 Temperature rise

The panel builder is responsible for the temperature rise calculation. Eaton will provide heat dissipation data for the devices.

10.11 Short-circuit rating

Is the panel builder's responsibility. The specifications for the switchgear must be observed.

10.12 Electromagnetic compatibility

Is the panel builder's responsibility. The specifications for the switchgear must be observed.

10.13 Mechanical function

The device meets the requirements, provided the information in the instruction leaflet (IL) is observed.



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